Abstract

[0085]   Various embodiments of the present invention are directed to a unique memory management scheme utilized by the DTP whereby data extracted from an external source is placed in a memory buffer and is then manipulated by the components without the need for copying the data to any other location in memory. While logically the data moves from component to component in the DFE for the various embodiments described herein, the data does not in fact change locations but, instead, the data resides in the buffer and is operated upon by a series of components that, in turn, access the data in the buffer via pointers and manipulate same.